



Substitute Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEDOCKET
DOL126S.N.
10/783,951

INFORMATION DISCLOSURE STATEMENT

APPLICANT
Mark Stuart Vinton, et al.FILING DATE
February 19, 2004GROUP
2817

U.S. PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	FILING DATE
/JS/		US-5,394,473	2-28-1995	Davidson, et al.	12-11-91
		US-			
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FOREIGN PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION YES NO

NON-PATENT LITERATURE DOCUMENTS

*Exam. Initial	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TRANSLATION YES NO
/JS/		ATSC Standard: "Digital Audio Compression (AC-3), Rev. A", Doc A/52A, ATSC Standard, Online! Aug. 20, 2001, pp. 1-140, Washington, D.C. retrieved from the Internet: URL: http://www.atsc.org/standards/a_52a.pdf .	
/JS/		Fielder, L., "AC-2 and AC-3: Low-complexity Transform-based Audio Coding", Collected papers on Digital Audio Bit-Rate Reduction, 1996, New York, US.	
/JS/		Brandenburg, J., "Second generation Perceptual Audio Coding: the Hybrid Coder", preprint at the 88th AES Convention, 3-13-9, Montreaux.	

EXAMINER

/Joel Stoffregen/

DATE CONSIDERED

07/19/2007

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SHEET 1 OF 2

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

/JS/		Bocchieri, et al., "Correlation Modeling of MLLR Transform Biases for Rapid HMM Adaptation to New Speakers"
		Proc. of IEEE International Conference on Acoustics, Speech, and Signal Processing, pp. 2343-2346, 1996.
/JS/		Brandenburg, et al., "Comparison of Filterbanks for High Quality Audio Coding," IEEE Int. Sym. Circuits and Systems, May 1992, pp. 1336-1339.
/JS/		Bunton, J., "Multi-resolution FX Correlator," ALMA Memo 447, CSIRO Telecommunications and Industrial Physics, Feb. 2003, pages 1-10.
/JS/		Drygajlo, "New Fast Wavelet Packet Transform Algorithms for Frame Synchronized Speech Processing," Proc. of the 4th International Conference on Spoken Language Processing, Philadelphia, USA, pp. 410-413, October 3-6, 1996 << http://www.asel.udel.edu/icslp/cdrom/vol1/417/a417.pdf >>.
/JS/		Goyal, et al., "Optimal Multiple Description Transform Coding of Gaussian Vectors," Proc. IEEE Data Compression Conference 1998, pp. 388-397.
/JS/		Greenberg, et al., "The Modulation Spectrogram: In Pursuit of an Invariant Representation of Speech," presented at ICASSP-97, Munich, vol. 3 pp. 1647-1650.
/JS/		Kryze, et al., T. Appelbaum and J.C. Junqua et al. "A New Noise-Robust Subband Front-End and Its Comparison to PLP," Proc. IEEE ASRU Workshop, Keystone, Colorado, CD-ROM (1999) << http://asru99.research.att.com/abstracts/1_6109.pdf >>.
/JS/		Malvar, "Fast Progressive Image Coding without Wavelets," IEEE Data Compression Conference, Snowbird, Utah, March 2000, p. 243-252.
/JS/		Nagai, et al., "Generalized Unequal Length Lapped Orthogonal Transform for Subband Image Coding," IEEE Transactions on Signal Processing, Vol. 48, No. 12, December 2000.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
/JS/		Noll, "Digital Audio for Multimedia," Proc. Sig. Proc. for Multimedia, NATO Advanced Audio Institute, 1999 << http://www.nue.tu-berlin.de/Publikationen/papers/nato.pdf >>.
/JS/		Painter, et al., "Perceptual Coding of Digital Audio," "Proc. of the IEEE, April 2000," pp. 451--513.
/JS/		Painter, et al., "A Review of Algorithms for Perceptual Coding of Digital Audio Signals," Proceedings of International Conference on Digital Signal Processing (DSP), pp. 179-205, July 1997.
/JS/		Prandoni, P., et al., "An FIR Cascade Structure for Adaptive Linear Prediction," IEEE Transactions on Signal Processing, Vol. 46, No. 9, Sept. 1998, pp. 2566-2571.
/JS/		Princen et al., "Audio Coding With Signal Adaptive Filterbanks," Int. Conf. on Acoust., Speech and Sig. Proc., 1995
/JS/		Thompson, et al., "A Non-Uniform Modulation Transform for Audio Coding With Increased Time Resolution"
/JS/		Vargas, et al., "ELT-Based Wavelet Coding of High-Fidelity Audio Signals," IEEE Int. Sym. Circuits and Systems, Chicago, 1993
/JS/		Vinton, et al., "Scalable and progressive audio codec," 2001 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP, p.3277-80 vol.5.

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